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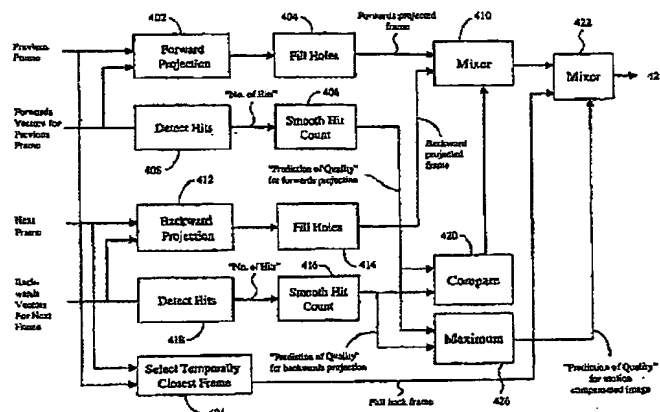
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(54) Title: **IMPROVED VIDEO MOTION PROCESSING**



(57) Abstract: In motion compensated video processing, a method of combining a plurality of pictures from an input sequence to form an output picture temporally intermediate two of the input pictures by projecting input pixels to locations on the output picture according to motion vectors assigned to the input pixels, in which the mix of input pixels used to form an output pixel takes into account the number and nature of vectors which point to a given output pixel location from each input picture. In the case where there are a plurality of vectors from one input image pointing to the output pixel location the method may assign a lower weight to input pixels from that input picture, or may make a statistical analysis of the plurality of vectors in determining the output pixel. Alternatively increased weighting may be assigned to input pixels the respective vectors of which form conjugate pairs.

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